

We Claim:

(1)

A wireless input device for personal computers, the device comprising:

A pen shaped casing;

A microphone;

Speech processing circuitry;

A power supply;

A pocket clip;

A wireless transmitter;

At least one removable function module.

(2)

The device of claim 1 wherein said wireless transmitter is a Bluetooth transmitter communicating with a Bluetooth module in a separate electronic device.

(3)

The device of claim 1 wherein said function module is a module selected from the group consisting of a ink pen module, a lead pencil module, a laser pointer module, and a roller ball type mouse module.

(4)

The device of claim 1 wherein said pocket clip also functions as an antenna for said wireless transmitter.

TECHNICAL FIELD

(5)

A wireless pen-type computer input system, the system comprising:

A pen shaped casing;

A microphone;

Audio processing circuitry;

A rechargeable power source;

A wireless transmitter housed within a body of said casing, wherein said transmitter is operable to communicate with a wireless receiver attached or integral to a separate computer device;

At least one activation button permanently affixed to the external surface of said casing;

At least one removable function module.

(6)

The system of claim 5 wherein said wireless transmitter is a Bluetooth transmitter.

(7)

The system of claim 5 wherein said audio processing circuitry includes an analog to digital converter.

(8)

The system of claim 5 wherein said audio processing circuitry further includes a digital signal processor.

(9)

The system of claim 5 wherein said audio processing circuitry includes a command buffer memory.

(10)

The system of claim 5 wherein said removable function module is a writing instrument module.

(11)

The system of claim 5 wherein said module is a roller ball type point device module.

(12)

The system of claim 5 wherein said module is a laser pointer module.

(13)

The system of claim 5 wherein said computer device is operable to receive input from a plurality of wireless pen type input devices simultaneously.

(14)

A wireless pen-type computer input device comprising a pen shaped housing and means for attachment to a user, said housing comprising a microphone, speech processing circuitry, a power means, a wireless transmitter and at least one removable function module.

(15)

The device of claim 14 wherein said wireless transmitter is a Bluetooth transmitter communicating with a Bluetooth module in a separate electronic device.

(16)

The device of claim 14 wherein said function module is a module selected from the group consisting of a ink pen module, a lead pencil module, a laser pointer module, and a roller ball type mouse module.

(17)

The device of claim 14 where said means for attachment to a user is a pocket clip which also functions as an antenna for said transmitter.

(18)

The device of claim 14 wherein said power means is a rechargeable battery.

For the purpose of the present disclosure, the term "a" or "an" shall not be construed to mean one and only one unless specifically stated otherwise.